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BEST AVAILABLE COPY**Amendments to the Claims**

Please amend Claim 74. Please add Claim 78. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

- 1-73. (Canceled)
74. (Currently amended) A method of inhibiting p75 nerve growth factor-responsive hair loss in a mammal, said method comprising contacting keratinocytes of the mammal with a fragment of p75 nerve growth factor comprising amino acid sequence KGK; peptide comprising KGA which binds to the p75 nerve growth factor receptor on the keratinocytes, thereby inhibiting p75 nerve growth factor-responsive hair loss.
75. (Previously presented) A method of inhibiting apoptosis in keratinocytes in a mammal, said method comprising contacting the keratinocytes in the mammal with a peptide comprising SEQ ID NO:4, thereby inhibiting apoptosis in the keratinocytes in the mammal.
76. (Previously presented) A method of inhibiting apoptosis in keratinocytes in a mammal, said method comprising contacting the keratinocytes in the mammal with a peptide comprising SEQ ID NO:9, thereby inhibiting apoptosis in the keratinocytes in the mammal.
77. (Previously presented) A method of inhibiting apoptosis in keratinocytes in a mammal, said method comprising contacting the keratinocytes in the mammal with a peptide comprising SEQ ID NO:10, thereby inhibiting apoptosis in the keratinocytes in the mammal.
78. (New) A method of inhibiting p75 nerve growth factor-responsive hair loss in a mammal, said method comprising contacting keratinocytes of the mammal with a fragment of a mutant p75 nerve growth factor comprising amino acid sequence KGA instead of KGK in

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the binding site for p75^{NTR}, the fragment binding to the p75 nerve growth factor receptor on the keratinocytes, thereby inhibiting p75 nerve growth factor-responsive hair loss.